

# [LIQUID CRYSTAL DISPLAY PANEL AND DRIVING CIRCUIT THEREOF]

## Abstract

A liquid crystal display (LCD) panel and driving circuit having a high response speed is provided. The LC panel at least includes a first group of gate lines, a second group of gate lines, and a first group of source lines, in which gate pulse signals can be fed to the LCD panel through the two groups of gate lines. Preferably, the LC panel further includes a second group of source lines, in which one of the two groups of source lines can be fed with the image data, and the other one is fed with a black image data. Accordingly, the LCD panel can only use the twisted nematic LC or the vertical alignment LC (VA-LC), without need of optically compensated birefringent LC (OCB-LC). Thus, the problems of a fast response speed LC panel using an OCB-LC can be avoided.